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MOCHIZUKI AKIHIRO**(54) PLASMA DISPLAY PANEL AND PLASMA DISPLAY DEVICE****(57)Abstract:****PROBLEM TO BE SOLVED:** To enhance display quality by reducing the rate of occurrence of black noise that a cell to be lighted is not lighted.**SOLUTION:** In a matrix display type PDP, in which the first and second electrodes composing a main pair of electrodes are coated with insulating layers with respect to a discharge gas, a magnesium oxide film which has an impedance in the range of 230-330 kΩ per square centimeter at 100 Hz, or a magnesium oxide film which contains silicon at a rate within the range of 500-10000 wt. ppm is provided as a surface layer at least contacting the discharge gas among the insulating layers.**LEGAL STATUS**

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